

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	68	(speakerphone with cell \$5) same ((switch\$5 or control\$4) with speakerphone)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/28 14:24
L2	9	(((cell cellular wireless mobile) adj (phone telephone) or cellphone or mobilephone) with ((portable attachable auxillary) adj speaker)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/28 14:29
S5	109	(computer or workstation or work adj station or (lap or palm or desk) adj (top or pilot or VII) or mobile adj device or pda or palm adj pilot or palmpilot or palmtop or (portable or tiny or pocket or subnotebook or cell or cellular) adj (computer or workstation or work adj station or phone or telephone ) or newton or razor or blackberry or black adj (berry or berries) or blackberries or wireless or wire adj less or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or wap or blue adj tooth or mobilephone or cmr or ipod or itunes OR (personal or private or portable) near2 (digital or data or information or assistant\$3 or organi \$er\$3 or device\$3 or access) or data adj access or cellphone or cellularphone or mobilephone or	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 15:43

		handheld or hand adj held or pid or (carry or cell or cellular or cordless or radio or handheld or hand adj held or mobile or portable or finger or smart) adj (phone or unit or device or apparatus or appts or pager or terminal or telephone or fone) or PHS or PCS or smartphone or pager or visor or handspring or hdml or Rio) same ((directional or hypersonic or ultrasonic or (hyper adj sonic) or (ulta adj sonic)) adj (speaker))			
S6	73	S5 and ((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON 2007/10/03 15:52
S7	35	S5 and (((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON 2007/10/10 15:53
S8	18	S5 and (((((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker)) same directional)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON 2007/10/11 16:36
S9	14	((computer or workstation or work adj station or (lap or palm or desk) adj (top or pilot or VII) or mobile adj device or pda or palm adj pilot or palmpilot or palmtop or (portable or tiny or pocket or subnotebook or cell or cellular) adj (computer or workstation or work adj station or phone or telephone ) or newton or razor or blackberry	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON 2007/10/03 16:44

		or black adj (berry or berries) or blackberries or wireless or wire adj less or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or wap or blue adj tooth or mobilephone or cmr or ipod or itunes OR (personal or private or portable) near2 (digital or data or information or assistant\$3 or organi \$er\$3 or device\$3 or access) or data adj access or cellphone or cellularphone or mobilephone or handheld or hand adj held or pid or (carry or cell or cellular or cordless or radio or handheld or hand adj held or mobile or portable or finger or smart) adj (phone or unit or device or apparatus or appts or pager or terminal or telephone or fone) or PHS or PCS or smartphone or pager or visor or handspring or hdml or Rio) near2 speaker ) same (directional adj speaker)			
S10	7	(speaker adj phone) same (directional adj speaker)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON 2007/10/03 16:43

S11	26	((computer or workstation or work adj station or (lap or palm or desk) adj (top or pilot or VI) or mobile adj device or pda or palm adj pilot or palmpilot or palmtop or (portable or tiny or pocket or subnotebook or cell or cellular) adj (computer or workstation or work adj station or phone or telephone ) or newton or razor or blackberry or black adj (berry or berries) or blackberries or wireless or wire adj less or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or wap or blue adj tooth or mobilephone or cmr or ipod or itunes OR (personal or private or portable) near2 (digital or data or information or assistant\$3 or organi \$er\$3 or device\$3 or access) or data adj access or cellphone or cellularphone or mobilephone or handheld or hand adj held or pid or (carry or cell or cellular or cordless or radio or handheld or hand adj held or mobile or portable or finger or smart) adj (phone or unit or device or apparatus or appts or pager or terminal or telephone or fone) or PHS or PCS or smartphone or pager or visor or handspring or hdml or Rio) near5 speaker ) same (directional adj speaker)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/03 16:46
-----	----	--	---	----	----	---------------------

S12	41	(cellular adj phone) same (directional adj speaker)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/03 16:59
S15	109	("20010055397"   "20020012441"   "20020048382"   "20020048385"   "20020054689"   "20020090099"   "20020090103"   "20020183648"   "20020191807"   "20030035552"   "20030091200"   "20030092377"   "20030118198"   "20030182104"   "20040202339"   "20040204168"   "3974335"   "4128728"   "4622440"   "4823908"   "4955729"   "5313663"   "5321758"   "5357578"   "5526411"   "5572575"   "5648824"   "5793875"   "5802190"   "5819783"   "5828768"   "5835732"   "5943430"   "6011855"   "6058315"   "6086541"   "6151398"   "6169813"   "6243472"   "6275596"   "6322521"   "6363139"   "6445804"   "6453045"   "6477258"   "6496205"   "6535612"   "6584205"   "6631196"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/03 17:34

		"6643377"   "6650755"   "6895261"   "7013009").PN.			
S16	112	("20010055397"   "20020012441"   "20020048382"   "20020048385"   "20020054689"   "20020090099"   "20020090103"   "20020183648"   "20020191807"   "20030035552"   "20030091200"   "20030092377"   "20030118198"   "20030182104"   "20040202339"   "20040204168"   "3974335"   "4128728"   "4622440"   "4823908"   "4955729"   "5313663"   "5321758"   "5357578"   "5526411"   "5572575"   "5648824"   "5793875"   "5802190"   "5819783"   "5828768"   "5835732"   "5943430"   "6011855"   "6058315"   "6086541"   "6151398"   "6169813"   "6243472"   "6275596"   "6322521"   "6363139"   "6445804"   "6453045"   "6477258"   "6496205"   "6535612"   "6584205"   "6631196"   "6088315"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON 2007/10/03 17:35

		"6643377"   "6650755"   "6895261"   "7013009").PN.				
S17	31	S16 and directional	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/03 17:37
S18	6	S16 and directional and phone	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/03 17:37
S20	203	speakerphone with cellular	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 14:06
S22	6	(speakerphone with cellular) same (switch with speakerphone)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 11:30
S23	57	(speakerphone with cell \$5) same ((switch\$5 or control\$4) with speakerphone)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 11:31
S24	18	(speakerphone with cellular) and (switch with speakerphone)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 12:51
S26	2	"7013009".pn.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 14:06
S27	2	"6151398".pn.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 15:01
S32	32	(((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker)) same (virtual)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:55

S37	664	((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 16:55
S38	62	(((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker)) with directional	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:45
S39	5	(((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker)) with directional) same (adjust\$6 rotat\$4 pivot \$4)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:46
S40	89	(computer or workstation or work adj station or (lap or palm or desk) adj (top or pilot or V1) or mobile adj device or pda or palm adj pilot or palmpilot or palmtop or (portable or tiny or pocket or subnotebook or cell or cellular) adj (computer or workstation or work adj station or phone or telephone ) or newton or razor or blackberry or black adj (berry or berries) or blackberries or wireless or wire adj less or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or wap or blue adj tooth or mobilephone or cmr or ipod or itunes OR (personal or private or portable) near2 (digital or data or information or assistant\$3 or organi \$er\$3 or device\$3 or access) or data adj access or cellphone or cellularphone or	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:38

		mobilephone or handheld or hand adj held or pid or (carry or cell or cellular or cordless or radio or handheld or hand adj held or mobile or portable or finger or smart) adj (phone or unit or device or apparatus or appts or pager or terminal or telephone or fone) or PHS or PCS or smartphone or pager or visor or handspring or hdml or Rio) same (directional adj speaker)				
S41	44	S40 and camera	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 15:56
S42	3	S41 and (universal serial bus or USB or IEEE "1394" or wire flash or flashchip or flashdisc or flash drive or flashdrive or flashdisk or flashcard or flashram or flashrom or flash adj (memory or memories or bios or chip or chips or card or cards or disk \$ or disc or ram or rom or storag\$ or module\$) or flash adj (random adj access adj memory or read adj only adj memory) or flash adj electrically adj erasable adj programmable adj read adj only adj memory or flash EPROM or EEPROM or flash EEPROM)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/11 16:00

S43	177	(computer or workstation or work adj station or (lap or palm or desk) adj (top or pilot or VI) or mobile adj device or pda or palm adj pilot or palmpilot or palmtop or (portable or tiny or pocket or subnotebook or cell or cellular) adj (computer or workstation or work adj station or phone or telephone ) or newton or razor or blackberry or black adj (berry or berries) or blackberries or wireless or wire adj less or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or wap or blue adj tooth or mobilephone or cmr or ipod or itunes OR (personal or private or portable) near2 (digital or data or information or assistant\$3 or organi \$er\$3 or device\$3 or access) or data adj access or cellphone or cellularphone or mobilephone or handheld or hand adj held or pid or (carry or cell or cellular or cordless or radio or handheld or hand adj held or mobile or portable or finger or smart) adj (phone or unit or device or apparatus or appts or pager or terminal or telephone or fone) or PHS or PCS or smartphone or pager or visor or handspring or hdml or Rio) same (directional near3 speaker)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:03
-----	-----	---	---	----	----	---------------------

S45	70	S43 and (camera\$7 or photograph\$3 or photo)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:05
S46	11	S45 and (universal serial bus or USB or IEEE "1394" or wire flash or flashchip or flashdisc or flash drive or flashdrive or flashdisk or flashcard or flashram or flashrom or flash adj (memory or memories or bios or chip or chips or card or cards or disk \$ or disc or ram or rom or storag\$ or module\$) or flash adj (random adj access adj memory or read adj only adj memory) or flash adj electrically adj erasable adj programmable adj read adj only adj memory or flash EPROM or EEPROM or flash EEPROM)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 12:20
S47	189	(computer or workstation or work adj station or (lap or palm or desk) adj (top or pilot or VII) or mobile adj device or pda or palm adj pilot or palmpilot or palmtop or (portable or tiny or pocket or subnotebook or cell or cellular) adj (computer or workstation or work adj station or phone or telephone ) or newton or razor or blackberry or black adj (berry or berries) or blackberries or wireless or wire adj less or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or wap or blue adj	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:06

		tooth or mobilephone or cmr or ipod or itunes OR (personal or private or portable) near2 (digital or data or information or assistant\$3 or organi\$er\$3 or device\$3 or access) or data adj access or cellphone or cellularphone or mobilephone or handheld or hand adj held or pid or (carry or cell or cellular or cordless or radio or handheld or hand adj held or mobile or portable or finger or smart) adj (phone or unit or device or apparatus or appts or pager or terminal or telephone or fone) or PHS or PCS or smartphone or pager or visor or handspring or hdml or Rio) same (directional\$4 near3 speaker)			
S48	73	S47 and (camera\$7 or photograph\$3 or photo)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON 2007/10/11 16:07
S50	665	(((ultra adj sonic) or (hyper adj sonic) or (hypersonic or ultrasonic) near3 (speaker)) same (directional) or (((ultra adj sonic) or (hyper adj sonic) or (hypersonic or ultrasonic) near3 (speaker)))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON 2007/10/11 16:37

S51	1053	((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker)) same directional) or (((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker)) or (directional adj speaker)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:37
S52	425	S51 and (computer or workstation or work adj station or (lap or palm or desk) adj (top or pilot or VII) or mobile adj device or pda or palm adj pilot or palmpilot or palmtop or (portable or tiny or pocket or subnotebook or cell or cellular) adj (computer or workstation or work adj station or phone or telephone ) or newton or razor or blackberry or black adj (berry or berries) or blackberries or wireless or wire adj less or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or wap or blue adj tooth or mobilephone or cmr or ipod or itunes OR (personal or private or portable) near2 (digital or data or information or assistant\$3 or organi \$er\$3 or device\$3 or access) or data adj access or cellphone or cellularphone or mobilephone or handheld or hand adj held or pid or (carry or cell or cellular or cordless or radio or handheld or hand adj held or mobile or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:43

		portable or finger or smart) adj (phone or unit or device or apparatus or appts or pager or terminal or telephone or fone) or PHS or PCS or smartphone or pager or visor or handspring or hdml or Rio)				
S53	384	S52 not breed.in.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:41
S54	270	S53 and audio	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:54
S55	221	S53 and (audio same speaker)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 16:55
S56	45	S53 and (comput\$4 same audio same speaker)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:04
S57	122	S53 and (camera)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:05
S58	31	S53 and (camera same speaker)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 17:05
S59	271	breed.in. and johnson.in.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/11 18:48

S61	900	"381".clas. and (universal serial bus or USB or IEEE "1394" or wire flash or flashchip or flashdisc or flash drive or flashdrive or flashdisk or flashcard or flashram or flashrom or flash adj (memory or memories or bios or chip or chips or card or cards or disk \$ or disc or ram or rom or storage\$ or module\$) or flash adj (random adj access adj memory or read adj only adj memory) or flash adj electrically adj erasable adj programmable adj read adj only adj memory or flash EPROM or EEPROM or flash EEPROM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 12:21
S64	189	(computer or workstation or work adj station or (lap or palm or desk) adj (top or pilot or VII) or mobile adj device or pda or palm adj pilot or palmpilot or palmtop (portable or tiny or pocket or subnotebook or cell or cellular) adj (computer or workstation or work adj station or phone or telephone ) or newton or razor or blackberry or black adj (berry or berries) or blackberries or wireless or wire adj less or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or wap or blue adj tooth or mobilephone or cmr or ipod or itunes OR (personal or private or portable) near2 (digital or data or information or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 14:39

		assistant\$3 or organi\$3 or device\$3 or access) or data adj access or cellphone or cellularphone or mobilephone or handheld or hand adj held or pid or (carry or cell or cellular or cordless or radio or handheld or hand adj held or mobile or portable or finger or smart) adj (phone or unit or device or apparatus or appts or pager or terminal or telephone or fone) or PHS or PCS or smartphone or pager or visor or handspring or hdml or Rio) same (directional\$4 near3 speaker)				
S65	73	S64 and (camera\$7 or photograph\$3 or photo)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 14:39
S66	12	S65 and (universal serial bus or USB or IEEE "1394" or wire flash or flashchip or flashdisc or flashdrive or flashdisk or flashcard or flashram or flashrom or flash adj (memory or memories or bios or chip or chips or card or cards or disk \$ or disc or ram or rom or storag\$ or module\$) or flash adj (random adj access adj memory or read adj only adj memory) or flash adj electrically adj erasable adj programmable adj read adj only adj memory or flash EPROM or EEPROM or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 14:39

		flash EEPROM)				
S67	799	((computer or workstation or work adj station or (lap or palm or desk) adj (top or pilot or VII) or mobile adj device or pda or palm adj pilot or palmpilot or palmtop or (portable or tiny or pocket or subnotebook or cell or cellular) adj (computer or workstation or work adj station or phone or telephone ) or newton or razor or blackberry or black adj (berry or berries) or blackberries or wireless or wire adj less or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or wap or blue adj tooth or mobilephone or cmr or ipod or itunes OR (personal or private or portable) near2 (digital or data or information or assistant\$3 or organi \$er\$3 or device\$3 or access) or data adj access or cellphone or cellularphone or mobilephone or handheld or hand adj held or pid or (carry or cell or cellular or cordless or radio or handheld or hand adj held or mobile or portable or finger or smart) adj (phone or unit or device or apparatus or appts or pager or terminal or telephone or fone) or PHS or PCS or smartphone or pager or visor or handspring or hdml or Rio)) with (((hyper ultra) adj sonic or ultrasonic or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 13:21

		hypersonic or directional) adj (transducer speaker))				
S68	24	(((cell cellular wireless mobile) adj (phone telephone) or cellphone or mobilephone)) with (((hyper ultra) adj sonic or ultrasonic or hypersonic or directional) adj (transducer speaker))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 13:57
S69	208	381/356.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:07
S70	648	367/137-138.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:07
S71	5	(((cell cellular wireless mobile) adj (phone telephone) or cellphone or mobilephone)) with (((hyper ultra) adj sonic or ultrasonic or hypersonic or directional) adj (transducer speaker))) and camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:55
S72	2447	(((hyper ultra) adj sonic or ultrasonic or hypersonic or directional) adj (transducer speaker)) and camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:58
S73	470	(((hyper ultra) adj sonic or ultrasonic or hypersonic or directional) adj (transducer speaker)) same camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:58

S74	9	((cell cellular wireless mobile) adj (phone telephone) or cellphone or mobilephone) with ((portable attachable auxillary) adj speaker)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 17:36
-----	---	--	---	----	----	---------------------

3/ 28/ 2008 2:38:55 PM

C:\ Documents and Settings\ kblair\ My Documents\ EAST\ Workspaces\ 10826531.wsp